# 05-25-06

## **Express Mail Mailing Label No. EV832482840US**



**PATENT** Attorney Docket No.:WYE-007

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Corcoran et al.

CONF. NO.:

5325

SERIAL NO.:

10/628,432

**GROUP NO.:** 

1656

FILING DATE:

July 29, 2003

**EXAMINER:** 

William Moore

TITLE:

Modified ADAMTS4 Molecules and Method of Use Thereof

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# APPLICATION FOR PATENT TERM ADJUSTMENT UNDER 35 U.S.C. § 154(b) AND 37 C.F.R. § 1.705(b)

Sir:

This is a request for reconsideration of the patent term adjustment indicated in the Notice of Allowance of February 24, 2006, for the above-referenced patent application. A copy of the Determination of Patent Term Adjustment under 35 U.S.C. § 154(b) is attached and labeled "Exhibit 1."

In accordance with 37 C.F.R. § 1.705(b)(1), Applicants enclose a check for \$200.00 to cover the fee set forth in 37 C.F.R. § 1.18(e). Please charge any deficiency and credit any overpayment to deposit account 50-1721.

Applicants provide the following statement of facts in accordance with 37 C.F.R. § 1.705(b)(2):

## 37 C.F.R. § 1.705(b)(2)(i)

Applicants submit that the correct patent term adjustment under 35 U.S.C. § 154(b) up to the mailing date of the Notice of Allowance is 359 days. The basis for the adjustment is as follows:

According to 37 C.F.R. § 1.703(a)(1), Applicants are entitled to a period of adjustment under 37 C.F.R. § 1.702(a) totaling the number of days in the period beginning on the day after the day that is fourteen months after the date on which he 05/26/2006 WABDELR3 00000067 10628432

application was filed and ending on the date of mailing of an action under 35 U.S.C. § 132 or a notice of allowance. Applicants submit that the instant application was filed on July 29, 2003, and a first action in the form of a Restriction Requirement was received on September 16, 2005. As shown below, this entitles Applicants to 352 days of patent term adjustment. This has been acknowledged by the Patent Office in the Patent Term Adjustment History of the PAIR file for the instant application (see "Exhibit 2").

In addition, according to 37 C.F.R. § 1.703(a)(1), Applicants are entitled to a period of adjustment under 37 C.F.R. § 1.702(a) totaling the number of days in the period beginning on the day after the date that is four months after the date a reply under 37 C.F.R. § 1.111 was filed and ending on the date of mailing of an action under 35 U.S.C. § 132 or a notice of allowance under 35 U.S.C. § 151. Applicants submit that a response to the Restriction Requirement was filed on October 17, 2005, and a notice of allowance was not mailed under February 24, 2006. As shown below, this delay entitles Applicants to an additional 7 days of patent term adjustment. This has been acknowledged by the Patent Office in the Patent Term Adjustment History of the PAIR file for the instant application (see "Exhibit 2").

# 2. 37 C.F.R. §§ 1.705(b)(2)(ii) and 1.703(a)

The relevant dates under 37 C.F.R. § 1.703(a)(1) specifying the period of adjustment under 37 C.F.R. § 1.702(a)(1) and (2) are as follow:

# Adjustment under 37 C.F.R. § 1.702(a)(1)

i. Filing date of this application:

July 29, 2003

ii. Day after the date that is fourteen months after the date on which the application was filed under 35 U.S.C. § 111(a):

September 30, 2004

iii. Date of mailing of first action under 35 U.S.C. § 132:

September 16, 2005

The number of days in the period beginning on September 30, 2004, and ending on September 16, 2005, is

352 days.

U.S. Application No. 10/628,432 Attorney Docket No. WYE-007

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## Adjustment under 37 C.F.R. § 1.702(a)(2)

i. Date a reply under 37 C.F.R. § 1.111 was filed: October 17, 2005

ii. Day after the date that is four months after the date a reply under 37 C.F.R. § 1.111 was filed: February 18, 2006

iii. Date of mailing of notice of allowance 35 U.S.C. § 151: February 24, 2006

The number of days in the period beginning on February 18, 7 days. 2006, and ending on February 24, 2006, is

#### 3. 37 C.F.R. § 1.705(b)(2)(iii)

Applicants submit that the patent to be issued is not subject to a terminal disclaimer.

#### 4. 37 C.F.R. § 1.705(b)(2)(iv)

Applicants believe that there are no circumstances that constitute a failure to engage in reasonable efforts to conclude processing or examination of this application as set forth in 37 C.F.R. § 1.704.

However, as shown in the Patent Term Adjustment History of the PAIR file for the instant application, the Patent Office reduced the Patent Term Adjustment for the instant application by 106 days because of a supplemental response filed on January 31, 2006. Applicants submit that this reduction is an error (see "Exhibit 2"). While the filing of a supplemental paper may result in the reduction of patent term adjustment under 37 C.F.R. § 1.704(c)(8), if the supplemental paper is expressly requested by the examiner, the reduction under 37 C.F.R. § 1.704(c)(8) does not apply. Applicants filed a supplemental paper on January 31, 2006, after filing a response to the restriction requirement on October 17, 2005; the supplemental paper filed on January 31, 2006, was expressly requested by the Examiner. This is supported by the Examiner's Amendment, mailed with the Notice of Allowance on February 24, 2006, which states that "Applicant's [sic] Amendment filed 31 January 2006 was requested by the Examiner in a telephonic interview on 30 January 2006" (see Exhibit 3). Further, in the Interview Summary mailed with the Notice of Allowance, the Examiner stated that "the examiner requested that Applicant's [sic] counsel submit...an amendment" (see Exhibit 4).

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Because Applicants' submission was expressly requested by the Examiner, as shown *supra*, Applicants submit that the Patent Office erred in reducing the patent term adjustment of the instant application by 106 days. Applicants respectfully request that the Patent Office reconsider the patent term adjustment and award Applicants a patent term adjustment under 37 C.F.R. § 1.702 totaling 359 days as discussed *supra*.

## 5. 37 C.F.R. §§ 1.705(b)(2)(ii) and 1.703(f)

The adjustment as specified in 37 C.F.R. § 1.703(f) to which the patent is entitled is the period of 359 days calculated under 37 C.F.R. § 1.703(a)(1).

If, for any reason, this Petition is found not to comply with the requirements of 37 C.F.R. § 1.705, or is otherwise found improper, it is requested that the undersigned attorney be contacted by telephone.

Date: May 24, 2006 Reg. No. 48,645

Tel. No.: (617) 261-3169 Fax No.: (617) 261-3175 Respectfully submitted,

Brian A. Fairchild

Attorney for the Applicants

Kirkpatrick & Lockhart Nicholson

Graham LLP

State Street Financial Center

One Lincoln Street

Boston, Massachusetts 02111

BOS-967401 v1

**Express Mail Mailing Label No. EV832482840US** 

		Application	Serial Number	10/628,432			
•			Filing Date		July	29, 2003	
			First Named	Inventor	Cor	coran	
TRANSMITTAL FORM			Group Art U	Init	165	6	
			Examiner N	ame	Wil	liam Moore	
			Attorney Do	ocket No.	WY	'E-007	
[	2.4 2006 B		Patent No.		Not applicable		
( MAY " )		Issue Date		Not	applicable		
	TO THAT THAT IT IS		ENCLOSURES (c.	heck all that apply)			
⊠	Fee Transmittal Form		Copy of Notice to	File Missing Parts of		Notice of Appeal to Board of Patent	
	M. Charles Associated		Application			Appeals and Interferences	
	<ul><li>☑ Check Attached</li><li>☐ Copy of Fee Transmittal Form</li></ul>		Formal Drawing(s)	)		Appeal Brief (in triplicate)	
	Amendment/Response		Request For Contin (RCE) Transmittal			Status Inquiry	
	Preliminary		,				
	After Final	П	Power of Attorney		$\boxtimes$	Return Receipt Postcard	
	☐ Affidavits/declaration(s) ☐ Letter to Official	ш	(Revocation of Pric		П	Certificate of First Class Mailing	
	Draftsperson		`	,		under 37 C.F.R. 1.8	
	including Drawings [Total Sheets]		Ti1 DiI-i	claimer		Certificate of Facsimile	
			Terminal Disclaim			Transmission under 37 C.F.R. 1.8	
Attor		Attorney for Utility	eclaration and Power of r Utility or Design Patent  Additional Enclosure(s) (please identify below)				
			Application			Application for Patent Term	
						Adjustment Under 35 U.S.C. § 154(b) and 37 C.F.R. § 1.705(b) with Exhibits 1-4	
	Information Disclosure Statement  Form PTO-1449 Copies of IDS Citations		Small Entity Stater	Small Entity Statement  CD(s) for large table or computer		WILL EXHIBITS 1-4	
			CD(s) for large tab				
	Contified Compact Driesits		program Amendment After Allowance				
Ш	Certified Copy of Priority  Document(s)		Amendment After	Anowance			
	Sequence Listing submission		Request for Certifi				
	Paper Copy/CD			Correction (in			
	<ul><li>☐ Computer Readable Copy</li><li>☐ Statement verifying identity of</li></ul>		duplicate)				
	above						
CO	RRESPONDENCE ADDRESS			SIGNATURE BLOC	CK	D	
Direct all correspondence to: Patent Administrator						Respectfully submitted,	
Kirkpatrick & Lockhar Graham LLP			ockhart Nicholson	R. S. A		B. L. S	
State Street Financial (				Penter Date: May 24, 2006 Reg. No. 48,645  Brian A. Fairchild		Brian A. Fairchild	
One Lincoln Street Boston, MA 02111-29				Tel. No.: (617) 261-31		Attorney for Applicants	
Tel. No.: (617) 261-			261-3100	100 Tax No.: (017) 201-31		Graham LLP	
Fax No.: (61'		1/)2	301-31/3			State Street Financial Center	
						One Lincoln Street Boston, MA 02111-2950	

Express Mail Mailing Label No. EV832482840US



	Complete if Known
Application Serial Number	10/628,432
Filing Date	July 29, 2003
First Named Inventor	Corcoran
Group Art Unit	1656
Examiner Name	William Moore
Attorney Docket No.	WYE-007

HALFETHOD OF PAYMENT	FEE CALCULATION (continued)				
1. Payment Enclosed:	3. ADDITIONAL FEES				
Check Money Order Other	Large	Small			
	Entity	Entity			
2. The Commissioner is hereby authorized to credit	Fee	Fee	Fee Description Fee Paid		
or charge any fee indicated below for this submission to	(\$)	(\$)			
Deposit Account No. 50-1721.	100				
Required Fees (copy of this sheet enclosed).	130	65	Surcharge - late filing fee or oath		
Additional fee required under 37 CFR 1.16 and 1.17.	50	25	Surcharge - late provisional filing fee or cover sheet		
Overpayment Credit.	130	130	Non-English specification		
3. Applicant claims small entity status.	2,520	2,520	Request for ex parte reexamination		
FEE CALCULATION	120	60	Extension for reply within first month		
1. FILING/SEARCH/EXAM/SIZE FEES	450	225	Extension for reply within second		
			month		
Large Entity	1020	510	Extension for reply within third month		
Fee (S) Fee Description Fee Paid	1590	795	Extension for reply within fourth month		
	2160	. 1080	Extension for reply within fifth month		
300 Utility filing fee	500	250	Notice of Appeal		
500 Utility search fee	500	250	Filing a brief in support of an appeal		
200 Utility exam fee	1000	500	Request for oral hearing		
250 Utility size fee (each add'l 50 pgs. over 100)	400	400	Petitions to the Commissioner (Gp. I)		
200 Design filing fee	200	200	Petitions to the Commissioner (Gp. II)		
100 Design search fee 130 Design exam fee	130 180	130 180	Petitions to the Commissioner (Gp. III) Submission of Information Disclosure		
130 Design exam fee 250 Design size fee (each add'l 50 pgs. over 100)	100	100	Statement		
250 Design size fee (each and 150 pgs. over 100)	790	395	Filing a submission after final		
	.,,	5,0	rejection (37 CFR 1.129(a))		
Number Number Rate Amount	790	395	For each additional invention to be		
Filed Extra			examined (37 CFR 1.129(b))		
Total Claims $-20 = x \$ 50.00 =$	100	100	Certificate of Correction for		
			applicant's error		
Independent	130	65 (Sana) 63	Submission of Terminal Disclaimer		
Claims - 3 = x \$200.00 =	Other fee (Specify) Application for Patent Term Adjustment 200.0				
	Other fee	(Specify)			
☐ Multiple Dependent Claim(s), if any \$360.00 =					
TOTAL:					
SMALL ENTITY DISCOUNT: SUBTOTAL (1) (\$) 0.00					
2. AMENDMENT CLAIM FEES					
Claims Highest No. Present Rate Fee Paid	SUBTOTAL (3) (\$) 200.00				
Remaining Previously Extra	50210 mB (5) (4) 200100				
After Amend. Paid For		<del>-</del>			
Total - = $x $ 50.00 =$			SUBTOTAL (1) 0.00		
Indep = x \$200.00 =			SUBTOTAL (2) 0.00		
First Presentation of Multiple Dep. Claim + \$360.00 =	SUBTOTAL (3) 200.00				
TOTAL: (\$)					
SMALL ENTITY DISCOUNT: (\$)	TOTAL (6) 200.00				
SUBTOTAL (2) (\$)0.00	TOTAL (\$) 200.00 SIGNATURE BLOCK				
CORRESPONDENCE ADDRESS					
Direct all correspondence to:	Datas Mass	24 2006	Respectfully submitted,		
	Date: May		Brian A. Fairchild		
	Reg. No.: 4 Tel. No.: (6				
	Fax No.: (				
One Lincoln Street	1 av 140 (	011) 201-3	Graham LLP		
Boston, MA 02111-2950			State Street Financial Center		
Tel. No.: (617) 261-3100			One Lincoln Street		



# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/628,432	07/29/2003		Christopher John Corcoran	WYE-007	5325	
54623 7590 02/24/2006			EXAMINER			
54623 7590 02/24/2006 KIRKPATRICK & LOCKHART NICHOLSON GRAHAM LLP/WYETH				MOORE, WILLIAM W		
75 STATE STREET		ART UNIT	PAPER NUMBER			
BOSTON, MA	02109-180	2109-1808		1656		
				DATE MAILED: 02/24/200	6	

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 253 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 253 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.



Search results as of: 05-10-2006::12:38:37 E.T.

Search results	as 01. 05 10 2000.	.12.30.37 2.11			
Patent Tern	n Adjustment				
Filing or 371(d	:) Date:	07-29-2003	USPTO Delay (PTO) Dela	ay (days):	359
Issue Date of Patent:		-	Three Years:		-
Pre-Issue Petitions (days): Post-Issue Petitions (days): USPTO Adjustment(days):		+0	+0 Applicant Delay (APPL) Delay (days): +0 Total Patent Term Adjustment (days):		
		+0			
		+0	+0 Explanation Of Calculations		
Patent Term	Adjustment H	istory			
Date	Contents Desci	iption		PTO(Days)	APPL(Days)
02-24-2006	Mail Notice of All	owance	. •	7	)
02-06-2006	Notice of Allowa	nce Data Verificati	on Completed		
02-06-2006	Case Docketed t	Examiner in GAU	U <sub>.</sub>	•	
02-05-2006	Date Forwarded	to Examiner		•	
01-31-2006	Supplemental Re	sponse	•		106
12-29-2005	Correspondence	Address Change	•		-
12-29-2005	Change in Power	of Attorney (May	Include Associate POA)		1
08-29-2005	Information Disc	losure Statement	considered		•
07-05-2005	Information Disc	losure Statement	considered		•
03-16-2004	Information Disc	losure Statement	considered		•
05-18-2004	Information Disc	losure Statement	considered		. j 🛨
04-15-2004	Information Disc	losure Statement	considered		•
10-25-2005	Date Forwarded	to Examiner			. •
10-17-2005	Response to Elec	tion / Restriction	Filed		•
09-16-2005	Mail Restriction	Requirement		(352)	
09-15-2005	Requirement for	Restriction / Elect	tion	•	
08-29-2005	Information Disc	losure Statement	(IDS) Filed	. 🏠	
07-05-2005	Reference captu	re on IDS	•	<b>1</b>	
07-05-2005	Information Disc	losure Statement	(IDS) Filed	<b>1</b>	<del>.</del>
06-28-2005	Case Docketed t	Examiner in GAU	J ·	•	
03-15-2005	IFW TSS Process	ing by Tech Cente	er Complete	•	
03-15-2005	Case Docketed t	Examiner in GAU	IJ	•	
03-16-2004	Reference captu	e on IDS		•	
03-16-2004	Information Disc	losure Statement	(IDS) Filed	•	
05-18-2004	Information Disc	losure Statement	(IDS) Filed	•	
04-15-2004	Information Disc	losure Statement	(IDS) Filed	•	
04-13-2004	Application Retu	n from OIPE		•	•
04-13-2004	Application Retu	rn TO OIPE		<b>1</b>	
04-13-2004	Application Retu	rn from OIPE		<b>1</b>	
04-13-2004	Application Is No	w Complete		•	
04-13-2004	Application Retu	rn TO OIPE		•	
04-09-2004	Application Dispa	atched from OIPE		1	
				•	

Application Is Now Complete

04-12-2004

03-16-2004	Payment of additional filing fee/Preexam	1
03-16-2004	A statement by one or more inventors satisfying the requirement under 35 USC 115, Oath of the Applic	•
04-09-2004	Correspondence Address Change	•
12-16-2003	Notice MailedApplication IncompleteFiling Date Assigned	•
10-14-2003	Cleared by OIPE CSR	•
09-21-2003	IFW Scan & PACR Auto Security Review	•
08-15-2003	CRF Is Good Technically / Entered into Database	•
07-29-2003	CRF Disk Has Been Received by Preexam / Group / PCT	•
07-29-2003	Initial Exam Team nn	•

**Close Window** 

Application/Control Number: 10/628,432

Art Unit: 1656

#### **EXAMINER'S AMENDMENT**

## Priority

Applicant's claim in the Declaration of Inventorship and at the first page of the specification filed 29 July 2003 to priority under 35 U.S.C. § 119 of the 29 July 2002 filing date of US provisional application No. 60/398,721, is hereby acknowledged. With respect to its E362Q modification disclosed at page 28 of the priority document, the elected invention of Group 9 enjoys the priority of the 29 July 2002 filing date of Applicant's provisional application, but the remainder of the structural characteristics of the invention of Group 9 have priority only to the 29 July 2003 filing date of the instant application. This is because the only ADAMTS4 truncation variant that comprises the E362Q modification disclosed in the parent provisional application has a structure extending beyond the disintegrin domain, where SEQ ID NO:32 terminates its ADAMTS structure, and throughout the thrombospondin region adjacent thereto, and comprising the FLAG peptide tag, i.e., the sequence represented by SEQ ID NO:31 herein, which is the invention of Group 8.

#### Information Disclosure Statement

Applicant's five Information Disclosure Statements [IDS] filed on 16 March, 15 April, and 18 May 2004, and on 5 July and 29 August 2005, are hereby acknowledged. In the last of these IDS, a reference citation is lined-through on the executed forms PTO-1449 that accompany this communication because the citation is redundant.

## Election and Preliminary Amendment

Applicant's Amendment filed 31 January 2006 was requested by the Examiner in a telephonic interview on 30 January 2006 and is commemorated in the accompanying Examiner's Interview Summary. The amendment has been entered, canceling claims 2-5, 7, and the non-elected claims 10-20 and amending claims 1, 6, 8, and 9 to more

	Application No.	Applicant(s)					
Interview Summary	10/628,432	CORCORAN ET AL.					
interview Sammary	Examiner	Art Unit					
	William W. Moore	1656					
All participants (applicant, applicant's representative, PTO personnel):							
(1) William W. Moore, Examiner.	(3)						
(2) Brian A. Fairchild, Applicant's Counsel.	(4)						
Date of Interview: 30 January 2006.							
Type: a)⊠ Telephonic b)□ Video Conference c)□ Personal [copy given to: 1)□ applicant 2	) applicant's representative	1					
Exhibit shown or demonstration conducted: d) Yes If Yes, brief description:	e)⊠ No.						
Claim(s) discussed: All pending claims and proposed new claims 21-33.							
Identification of prior art discussed: None.							
Agreement with respect to the claims f)⊠ was reached. g)☐ was not reached. h)☐ N/A.							
Substance of Interview including description of the general reached, or any other comments: <u>See Continuation Sheet</u> .	Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: <u>See Continuation Sheet</u> .						
(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)							
THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.							
No Docketing Necessary							
KFS 2-27-66							
	Administrator CP +	Date broved					
	Resp. Atty	Date					
Examiner Note: You must sign this form unless it is an	-						
Attachment to a signed Office action.	Examiner's signati	ure, if required					

#### **Continuation Sheet (PTOL-413)**

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: In order to advance prosecution, the examiner requested that Applicant's counsel submit, by facsimile transmission, an amendment that cancles claims 2-5, 7 and 10-20 and that amends claims to more specifically describe the structures of disclosed embodiments that comprise the key components of the modified human ADAMTS4 molecule elected in the Response filed 17 October 2005 and that further presents new, dependent, claims 21-33 drawn to ADAMTS4 molecules having those structural components and to particular ADAMTS4 molecules disclosed by sequence identifier.